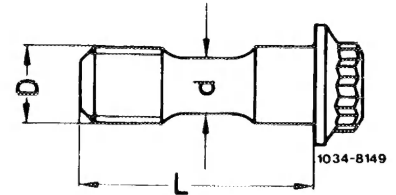


03—410 Removal and installation of flywheel and driven plate

Necked-down screws

Part no.	110 990 04 19
Thread dia. D	M 10 x 1
Necked-down stem dia. d	when new 7.7—0.2
	minimum dia. 7.3
Length L	31

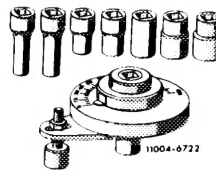


Tightening torques

Initial torque	30—40 Nm
Angle of rotation torque	90—100°

Special tools

Angle of rotation tool



116 589 01 13 00

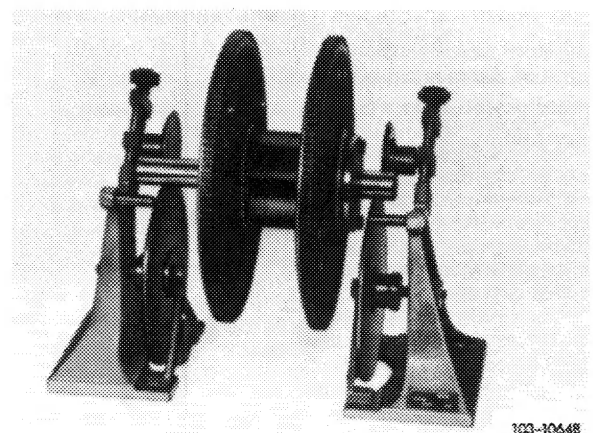
Detent



110 589 00 40 00

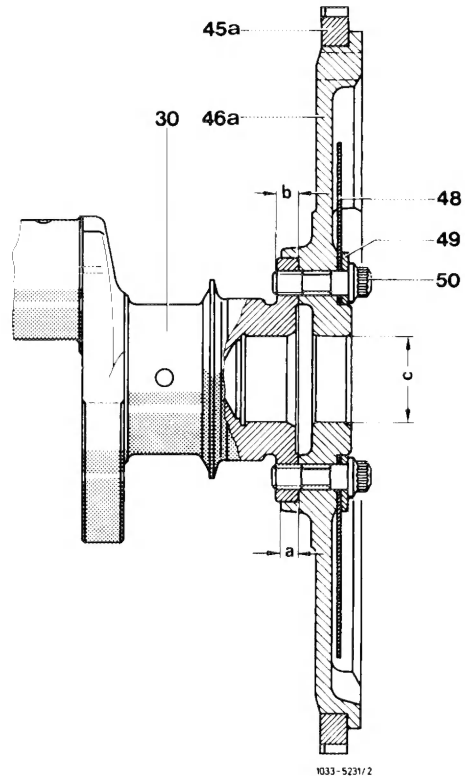
Note

If a new flywheel is installed, set new wheel to balancing condition of removed wheel (03—440).



Do not interchange this flywheel with flywheel of engine 110.

Engine 110: dimension a = 4.5 mm

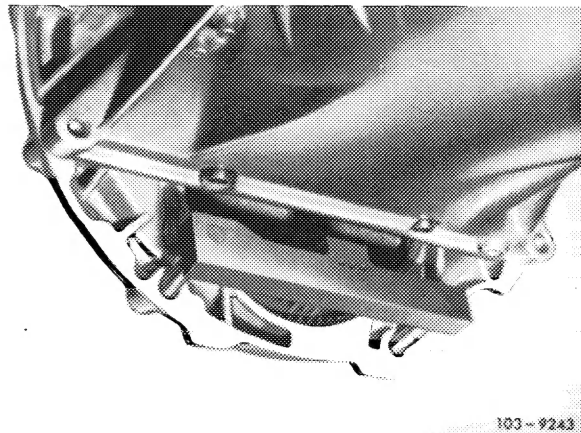


Layout flywheel and driven plate

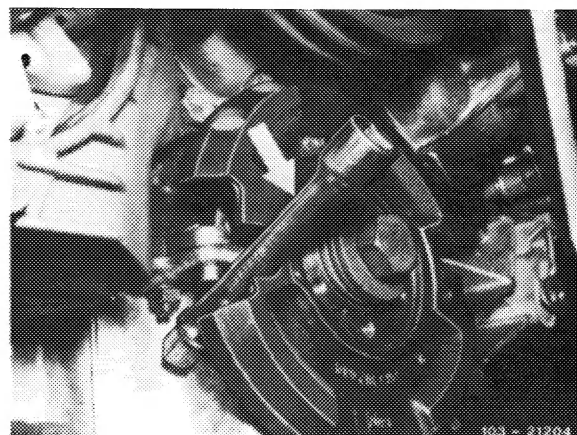
30	Crankshaft	a	7 mm
45a	Ring gear	b	10 mm
46a	Flywheel	c	35 mm dia.
48	Driven plate		
49	Spacing washer		
50	Necked-down screw		

Removal

- 1 Remove transmission.
- 2 On models 116.120 and 123 with automatic transmission 722.120 (W4B 025), position detent against flywheel as a counterhold when loosening necked-down screws.

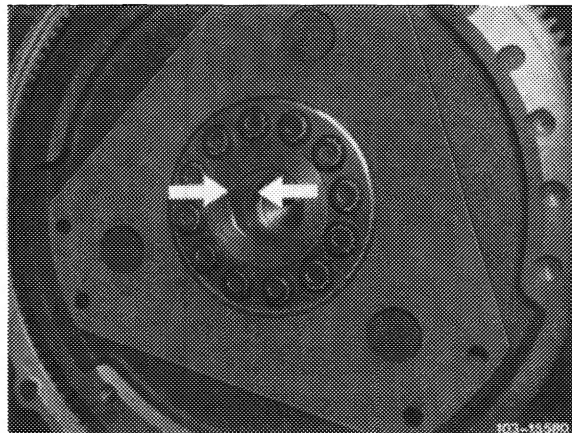


On models 126.120 and 123 with automatic transmission 722.303 (W4A 040), hold a steel bolt in one of the recesses on balancing disc for counterholding and support against cylinder crankcase (arrow).



3 Loosen necked-down screws. Remove flywheel, driven plate and spacing washer.

Note: The flywheel and crankshaft are identified by a mark (arrows).



Installation

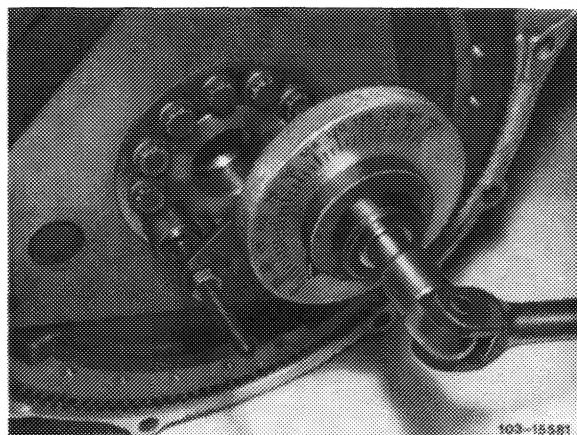
4 Measure necked-down stem dia. "d" of necked-down screws.

If the minimum dia. has been attained, replace necked-down screws.

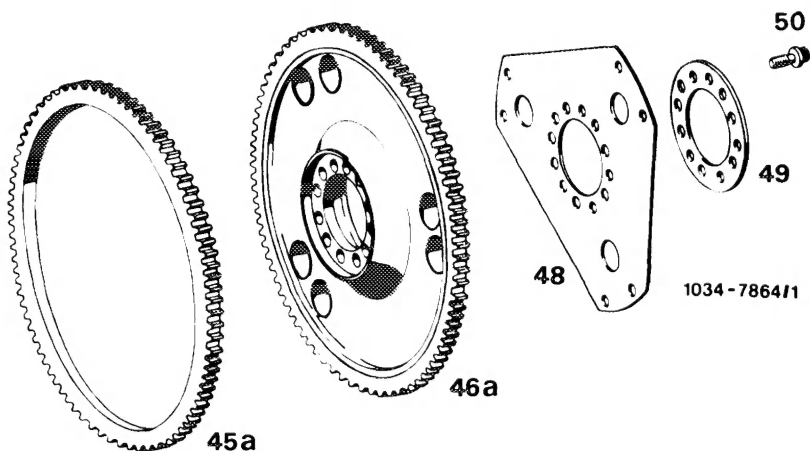
5 Position flywheel, driven plate and spacing washer on crankshaft journal in such a manner that the marks are in alignment.

6 Lubricate necked-down screws, screw-in and tighten to 30–40 Nm.

7 Tighten to angle of rotation torque of 90–100° by means of angle of rotation tool.



Flywheel and driven plate



- 45a Ring gear
- 46a Flywheel
- 48 Driven plate
- 49 Spacing washer
- 50 12 necked-down screws